

Title (en)
Audio signal processor

Title (de)
Audiosignalprozessor

Title (fr)
Processeur de signaux audio

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Application
EP 98308005 A 19981001

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Abstract (en)
An audio signal processor for processing 1-bit signals, comprises an input (40) for receiving a 1-bit signal, means (41,42) for applying a predetermined filter characteristic to the 1-bit signal whereby the signal is also converted to an n-bit signal where n is greater than one, means (43) for determining the absolute value of the n-bit signal, means (46,51) for producing a dynamics control signal dependent on the said absolute value, means (48) for applying the dynamics control signal to the 1-bit input signal, and means (49) for requantizing the dynamics controlled signal as a 1-bit signal and shaping the noise in the requantised 1-bit signal. Circuits for producing LOG base 2 and the corresponding anti-log are also disclosed.
<IMAGE>

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